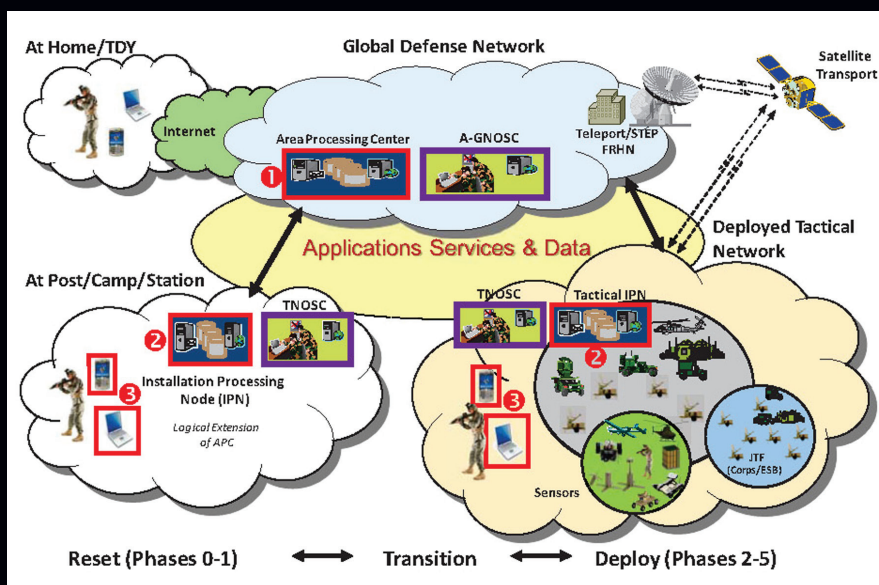




## Common Operating Environment (COE)



Common Operating Environment (COE) is an approved set of computing technologies and standards that enable secure and interoperable applications to be developed and deployed rapidly across seven defined Computing Environments (CE). Each computing environment has a minimum standard configuration that supports the Army's ability to produce and deploy high-quality applications, and to reduce the complexities of configuration, support and training associated with the computing environment. The Army relies on information technology more than ever to execute the mission, the Army's current networks, information systems and resources must support a true fight-upon-arrival capacity. Only by centralizing the network, known as LandWarNet, will the Army be able to provide the data and capabilities Soldiers need, securely and on demand.



## Common Operating Environment (COE)

The Common Operating Environment (COE) will be applied to each of the five categories of computing environments:

- Servers (enterprise and tactical)
- Platform (vehicle or aircraft)
- Sensors
- Mobile/small form factor (PDA/Smartphone)
- Client (desktop users)

COE will enable approved Army applications, services and data to achieve:

- Reduced complexity and risk through standardized computing environments.
- Common standards that ensure mission-critical computing environments are recoverable, flexible and compatible across the Army/DoD network.
- Reduced IT logistics footprint, enabling increased mobility and decreased management burden by leveraging Army assets across programs.

COE and Army's overarching "End State" architecture will drastically reduce the time it takes to deliver applications to those who need them. The intent is to normalize the computing environment and achieve balance between unconstrained innovation and standardization.

COE augments Army Software Transformation (AST), an effort to standardize end-user environments and software development kits, establish streamlined enterprise software processes and develop deployment strategies that allow users direct access to new capabilities.

